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## Dr. Brent Peyton

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Dr. Brent Peyton is a Professor of Chemical and Biological Engineering at MSU, Director of the Thermal Biology Institute, and on the Executive Committee of the Center for Biofilm Engineering. With over 30 years of experience on biological systems, he has focused on characterizing microbial processes in natural and engineered systems, including extremophiles, heavy metal biotransformation and toxicity, and growth of algae and fungi for biofuel production. Dr. Peyton received his Ph.D. in Chemical Engineering with a minor in Microbiology from MSU in 1992. Before returning to MSU in 2005, he was tenured at Washington State University and was in the Bioprocessing Research Group at the Pacific Northwest National Laboratory for 5 years. Dr. Peyton has authored and co-authored over 125 peer-reviewed publications and holds five patents in environmental biotechnology. He was awarded the 2016 MSU College of Engineering Distinguished Professorship, and the CSIRO (Perth, AU) Distinguished Visiting Scientist Fellowship for 2016/2017.